Iowa State Teachers College Program of Recitations, Fall 1929

Iowa State Teachers College

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Freshman Registration.

Monday, September 9.
Meet in Auditorium 8:00 a.m.
Order of Enrollment at Auditorium
- Group 1, A to G inclusive 1:00 to 2:00 p.m.
- Group 2, H to O inclusive 2:00 to 3:00 p.m.
- Group 3, P to Z inclusive 3:00 to 4:00 p.m.
Reception to all Freshmen, Men’s Gymnasium, 7:30 p.m.

Tuesday, September 10.
Meet at Library
- Group 1, A to J inclusive 8:00 a.m.
- Group 2, K to Z inclusive 10:00 a.m.
- Group 1, A to J inclusive 1:00 p.m.
- Group 2, K to Z inclusive 3:00 p.m.
Reception by churches in evening.

Upper Classman Registration.

Tuesday, September 10.
- Group 2, H to K inclusive 8:00 to 8:30 a.m.
- L to O inclusive 8:30 to 9:00 a.m.
- Group 3, P to Z inclusive 9:00 to 11:00 a.m.
- Group 1, A to G inclusive 1:00 to 3:00 p.m.

Recitation Periods

- First period 8:00 a.m. to 8:55 a.m.
- Second period 9:00 a.m. to 9:55 a.m.
- Third period 10:00 a.m. to 10:55 a.m.
- Fourth period 11:00 a.m. to 11:55 a.m.
- Fifth period 1:00 p.m. to 1:55 p.m.
- Sixth period 2:00 p.m. to 2:55 p.m.
- Seventh period 3:00 p.m. to 3:55 p.m.
- Eighth period 4:00 p.m. to 4:55 p.m.

Enrollment and Registration

A. To students in residence during the Summer term.
1. Consult your adviser during the last week of the term or earlier, presenting for inspection the Statement of Admission to the college from the Registrar’s office, the Statement of Credits accepted from other institutions, and any Term Reports that you have received. After consulting with you, the adviser will furnish you with a list of courses for which you are to register.
2. File with your adviser as early as possible during the last week of the term all necessary petitions.
B. To students registering on enrollment day.

1. Pay the required fees to the Financial Secretary.
2. Fill out the enrollment blank.
3. Secure from the Registrar a registration card and a class card, a blank for the registration statement, and the credentials listed under A. 1 above if you have not already secured them.
4. Show the registration card to the doorkeeper at the gymnasium.
5. If you have not received from your adviser a list of the courses for which you are to register, present to him for inspection the items listed in A. 1 above, and receive from him a list of courses for which you are to register.
6. Present your list of courses to the instructors concerned and have them fill out the registration card and the class card.
7. Present the registration card and the class card to your adviser for approval and file with your adviser all necessary petitions not previously filed.
8. Fill out the registration statement.
9. File with the Receiving Committee the approved registration card and the registration statement and secure an exit card.
10. Retain the approved class card. The class card is to be shown to each instructor at the first recitation after registration.
11. If your registration is not completed on enrollment day, give your name to the Receiving Committee and secure an exit card. Keep your cards for completion of your registration on the following day, and then file the completed registration card with your adviser.

C. To students registering after enrollment day.

1. Pay the required fees to the Financial Secretary.
2. Fill out the enrollment blank.
3. Secure from the Registrar a registration card, a class card, and a blank for the registration statement.
4. Present to your adviser for inspection your statements of credit and secure a list of the courses for which you are to register. See the registration bulletin board for the office and the office hours of the adviser.
5. Present your list of courses to the instructors concerned and have them fill out the registration card and the class card.
6. Present the registration card and the class card to the adviser for approval and file with the adviser the approved registration card, the registration statement, and all necessary petitions.
7. Retain the approved class card. The class card is to be shown to each instructor at the first recitation after registration.
8. Students entering late must petition for permission to make up work if full credit is desired.

D. To students desiring a change in registration.

1. Consult your adviser concerning the proposed change.
2. If the adviser approves the change, have the change authorized by the adviser.
3. Have the change card signed by the instructor or instructors concerned.
4. File the change card at the Registrar's office.
5. If a change reduces the student's registration below 10 hours the student must secure the approval of the Dean of Women or the Dean of Men.
6. Applied Music (Piano, Organ, Voice, Violin, and other orchestral instruments) may not be dropped without the approval of the Dean of Women or the Dean of Men.
Explanation of Terminology

The Arabic numerals following the name of the instructor indicate the periods during which the subject is given. Thus 1-2 means that there are two sections covering the same work, one meeting the first period and another the second period.

For description of courses see Bulletin for January, 1929. Each collegiate course is given daily for five hours credit unless other hours of work and credit are indicated. Sub-collegiate courses are given daily for twelve weeks credit, unless otherwise indicated.

ART AND MANUAL ARTS

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Wood Turning, (2 hrs.), Mr. Palmer, M. Tu. W. Th. 5-6; Mr. Brown, Tu. Th. 3 and 4.
Sheet Metal Work I, (2½ hrs.), Mr. Brown, daily 5.
Primary Drawing I, (2 hrs.), (Credit only on primary and kindergarten curriculums), Miss Thornton, daily 2-5.
Primary Drawing II, (3 hrs.), (Credit only on primary and kindergarten curriculums), (Prerequisite, Primary Drawing I or equivalent preparation), Miss Thornton, daily 3-6.
Drawing and Design, (3 hrs.), (Credit only on home economics curriculums), Miss Patt, daily 3-5.
Applied Design, (3 hrs.), (Credit only on home economics curriculums), (Prerequisite, Drawing and Design), Miss Patt, daily 4.
Primary Handwork, (3 hrs.), (Credit only on primary and consolidated school curriculums and for those who major in normal training high school critic work), Miss Schuneman, daily 4; Miss Cole, daily 2-5; Miss Conlon, daily 5-6; Mrs. Branagan, daily 2-3.

Open to Freshmen, Sophomores and Juniors.

Mechanical Drawing I, (2 hrs.), Mr. Brown, Tu. Th. 1 and 2; Mr. Palmer, Tu. Th. 3 and 4.
Mechanical Drawing II, (3 hrs.), (Prerequisite, Mechanical Drawing I), Mr. Bailey, M. W. F. 3 and 4.
Mechanical Drawing III, (3 hrs.), (Prerequisite, Mechanical Drawing I and II), Mr. Bailey, M. W. F. 3 and 4.
Woodwork I, (3 hrs.), Mr. Brown, M. W. F. 1 and 2; Mr. Palmer, M. W. F. 3 and 4.
Woodwork II, (2 hrs.), (Prerequisite, Woodwork I), Mr. Brown, Tu. Th. 3 and 4.
Woodwork III, (2 hrs.), (Prerequisite, Woodwork I and II), Mr. Brown, Tu. Th. 3 and 4.
Wood Finishing, (2 hrs.), Mr. Bailey, Tu. Th. 6.
Drawing I, (2½ hrs.), Miss Patt, daily 1; Miss Schuneman, daily 1-3; Miss Conlon, daily 2-4; Mrs. Branagan, daily 6.
Drawing II, (2½ hrs.), (Prerequisite, Drawing I or equivalent preparation), Miss Cole, daily 3; Mrs. Branagan, daily 4.
General Design, (3 hrs.), Miss Schuneman, daily 5.

Open to Sophomores, Juniors and Seniors.

Teaching Manual Arts, (Prerequisite, Psychology I, Woodwork I and II and Mechanical Drawing I and II), Mr. Bailey, 1.
Woodwork IV, (Prerequisite, Woodwork I, II, III), Mr. Palmer, daily 5 and 6.
Sheet Metal Work II, (2½ hrs.), (Prerequisite, Sheet Metal Work I or equivalent preparation), Mr. Brown, daily 5.
The Teaching of Art, (Prerequisite, Drawing I and II and General Design), Miss Cole, 1.

Open to Juniors and Seniors.

Architectural Drawing, (3 hrs.), (Prerequisite, Mechanical Drawing I, II, III), Mr. Bailey, M. W. F. 3 and 4.
Advanced Cabinet Making, (Prerequisite, Woodwork I, II, III, IV), Mr. Palmer, daily 5 and 6.

PSYCHOLOGY, EDUCATION AND RURAL EDUCATION

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Psychology I, Mr. Brown, 1-2; Mr. Buffum, 5; Mr. Finkenbinder, 1-5; Mr. Hoyt, 2-4-6; Mr. Phillips, 3-4-6; Mr. Riebe, 1; Mr. Wilcox, 3-4; Mr. Wiley, 1-2-5.
(Primary Methods) Language and Literature, (Credit only on Primary curriculums and for those who major in normal training high school critic work), Miss Arey, 1-2-5.
(Primary Methods) Principles in Fundamentals, (Credit only on primary and kindergarten curriculums and for those who major in normal training high school critic work), Miss Smith, 2-3-6.
Management and Measurements, Mr. Buffum, 3.
Child Psychology, (Prerequisite, Psychology I), Mr. Denny, 1-5; Mr. Todd, 3.
Elementary School Methods, (Prerequisite, Psychology I), (This course must be taken by students on the elementary teacher curriculums while taking the first term of Teaching and may not be taken by such students before that time), Mr. Todd, 4-6.
Social Development, (Prerequisite, Psychology I), (This course must be taken by students on the elementary teacher curriculums while taking the first term of Teaching and may not be taken by such students before that time), Mr. Todd, 4-6.
Didactics I, Mr. Cram, 1-3.
Rural School Methods, Miss Wilmarth, 3.
Rural Teaching, (3 hrs.), (Credit only on the rural teacher curriculum, the consolidated school curriculum, and for those who major in normal training high school critic work or consolidated school education), (Illustrative Teaching must precede or accompany this course), Mr. Cram, hours as arranged; Miss Wilmarth, hours as arranged.

Open to Freshmen, Sophomores and Juniors. (Prerequisite, Psychology I).

Educational Tests and Measurements for Elementary Teachers, (3 hrs.), Mr. Denny, M. W. F. 2.
Mental Tests, (2 hrs.), Mr. Denny, Tu. Th. 2.
History and Principles of Education, Mr. Goetch, 3; Mr. Paul, 4-6.

Open to Sophomores, Juniors and Seniors on Degree Curriculums and on the Art, Manual Arts, Home Economics, Commercial, and Public School Music Teacher Curriculums.

Psychology of Adolescence, (Prerequisite, Psychology I), Mr. Charles, 3-5.
Open to Sophomores, Juniors and Seniors.

Genetic Psychology, (Prerequisite, Psychology I), Mr. Finkenbinder, 2.
History of American Education, (Prerequisite, Psychology I), Mr. Goetch, 2; Mr. Hollingsworth, 6.
History of Education, (Prerequisite, Psychology I), Mr. Hollingsworth, 3-4.
The Consolidated School and Country Life, Mr. Eells, 1-4.

Open to Juniors and Seniors.

Logic, (3 hrs.), (Prerequisite, Psychology I), Mr. Walters, M. W. F. 1.
Ethics, (2 hrs.), (Prerequisite, Psychology I), Mr. Walters, Tu. Th. 1.
Philosophy of Education, (Prerequisite, Psychology I), Mr. Walters, 4-6.
School Administration and Supervision, (Prerequisite, Psychology I), Mr. Buffum, 1.
The High School, (Prerequisite, Psychology I), Mr. Charles, 2.
Social Psychology, (Prerequisite, Psychology I), Mr. Paul, 3.
Consolidated School Administration, Mr. Eells, 2.
Special Methods in the Common Branches, (Prerequisite, Psychology 10 hours), Miss Wilmarth, 2.

ENGLISH

COLLEGIATE COURSES—

Open to Freshmen only. (Prerequisite for all other courses in English and speech).

English I, Miss Rohlf, 1; Miss Rohlf, Mr. Holmes, 2; Miss Toms, Miss Buxbaum, 3; Miss Buxbaum, Miss Slattery, 4; Mr. Fagan, Mr. Halvorson, 5; Miss Toms, Miss Slattery, 6.

Open to Freshmen and Sophomores. (Prerequisite, English I).

Elements of Literature, Mr. Fagan, 1; Miss Lambert, 2; Miss Toms, 4; Miss Rohlf, 5; Miss Slattery, 3.
Chief American Poets, (3 hrs.), Mr. Halvorson, M. W. F. 2.
American Prose Writers, (2 hrs.), Mr. Halvorson, Tu. Th. 2.

Open to Freshmen, Sophomores and Juniors. (Prerequisite, English I).

Description and Narration, Miss Terry, 6.
Oral Interpretation I, Miss Tuttle, 3-5; Miss Berkstresser, 1.
Oral Interpretation II, (Prerequisite, Oral Interpretation I or equivalent preparation), Miss Strayer, 1.
Public Speaking, Mr. Brindley, 4-6; Miss Berkstresser, 3.
News Gathering and Writing, (3 hrs.), Mr. Holmes, M. W. F. 4.

Open to Sophomores, Juniors and Seniors. (Prerequisite, English I).

Shakespeare, Mr. Lynch, 3.
Development of the English Drama, Miss Lambert, 1.
Recent American Prose Writers, (3 hrs.), Miss Lambert, M. W. F. 5.
Recent American Poets, (2 hrs.), Miss Lambert, Tu. Th. 5.
Advanced Exposition, Mr. Fagan, 2.
Old English, Mr. Halvorson, 4.
Play Production I, (Prerequisite, Oral Interpretation I and II or equivalent preparation), Miss Tuttle, 1.
Extempore Speech, (Prerequisite, Public Speaking), Mr. Brindley, 2.

Open to Juniors and Seniors. (Prerequisite, English I).

The Teaching of English, Mr. Lynch, 1.
Tennyson and Browning, (Not credit for those who have credit for Victorian Poetry), Miss Terry, 2.
Advanced Story Writing, (Prerequisite, Description and Narration except that students who took English I previous to the summer term, 1927, may take this course without having taken Description and Narration), Miss Terry, 3.
Literary Criticism, Miss Buxbaum, 6.
Play Production II, Miss Strayer, 2.

HOME ECONOMICS

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Textiles, (2 hrs.), Miss Allen, F. 3 and W. 3 and 4; W. 6 and M. 5 and 6; Miss Dillon, M. 6 and W. 6 and 7; Tu. 6 and Th. 6 and 7.

Open to Freshmen, Sophomores and Juniors.

Home and Community Hygiene, (3 hrs.), Miss Leggett, M. W. F. 3.
Nutrition, (3 hrs.), (Not credit on a home economics curriculum or for those who have had Food Preparation I and II), Miss Overn, M. W. F. 4.
Clothing I, (4 hrs.), Miss Allen, W. 5 and Tu. Th. 5 and 6 and 7.
Food Preparation II, (Prerequisite, Chemistry X and XI and Food Preparation I or equivalent preparation), Miss Overn, daily 2 and M. W. F. 1; daily 5 and M. W. F. 6.
The School Lunch, (3 hrs.), (Not credit on a home economics curriculum), Miss Dillon, daily 2.

Open to Sophomores, Juniors and Seniors.

Child Care, (2 hrs.), Miss Leggett, Tu. Th. 6.
House Planning, (3 hrs.), (Prerequisite, Drawing and Design), Miss Leggett, M. W. F. 6.
House Furnishing and Decoration, (3 hrs.), (Prerequisite, Applied Design and House Planning), Miss Leggett, M. W. F. 2.

Open to Juniors and Seniors.

Applied Dress Design, (3 hrs.), (Prerequisite, Costume Design), Miss Allen, Tu. Th. 1 and 2 and 3.
Home Management, (Prerequisite, Food Preparation I and II. This course must be preceded or accompanied by Food Marketing and Meal Planning), Miss Dillon, hours as arranged.
LATIN, GREEK, GERMAN

COLLEGIATE COURSES—
Open to Freshmen, Sophomores and Juniors.
Elementary Latin I, (for beginners and for review of first-year Latin), Mr. Merchant, 1.
Elementary Latin II, (following one year of high school Latin or equivalent preparation), Miss Miller, 6.
Elementary Latin IV, Ovid, (Prerequisite, two years of high school Latin or Elementary Latin III or equivalent preparation), Miss Miller, 4.
Elementary Latin V, Vergil’s Aeneid I, (following three years of high school Latin or Elementary Latin IV or equivalent preparation), Miss Miller, 2.
Latin I, Cicero’s Cato Major and Latin Composition, (Prerequisite, four years of high school Latin or other preparation approved by head of department), Miss Miller, 3.
German I, Miss Doffing, 1; Mr. Schaefer, 3.
German II, Mr. Schaefer, 4.
German III, Short Stories, (Prerequisite, one year of high school German or equivalent preparation), Miss Doffing, 2.
Open to Sophomores, Juniors and Seniors and to Freshmen who have had two years of high school German or equivalent preparation.
German IV, Historical Prose, (Prerequisite, two years of high school German or equivalent preparation), Mr. Schaefer, 6.
German V, Schiller’s Dramas, (Prerequisite, German IV or equivalent preparation), Miss Doffing, 5.
Open to Sophomores, Juniors and Seniors.
Greek I, Mr. Merchant, 2.
German IX, Lyrics and Ballads, (Prerequisite, German IV or equivalent preparation), Mr. Schaefer, 5.
Open to Juniors and Seniors.
Latin XII, Teachers’ Course in Caesar, (Prerequisite, Latin I, II, III, or equivalent preparation), Mr. Merchant, 5.

MATHEMATICS AND COMMERCIAL EDUCATION

SUB-COLLEGIATE COURSES—
First Penmanship, Miss Geiger, 2-3.
Advanced Penmanship, Mr. Cummins, 3.
First Typewriting, Miss Myers, 5-6.
Second Typewriting, Miss Myers, 4.
Third Typewriting, Miss Myers, 2.

COLLEGIATE COURSES—
Open to Freshmen and Sophomores.
Principles of Elementary Mathematics, (Credit only on the kindergarten, primary, elementary teacher and consolidated school curriculums and for those who major in normal training high school critic work and for those who major or minor in mathematics), Mr. Condit, 3; Mr. Wester, 1-4-6.
Accounting A, (Not credit for those who have entrance credit in bookkeeping), Mr. Cummins, 6; Mr. Skar, 4.
Shorthand I, (Credit only on commercial curriculums), Miss Gaf-fin, 1.
Shorthand II, (Credit only on commercial curriculums), Miss Gaf-fin, 3.
Shorthand III, (Credit only on commercial curriculums), Miss Gaf-fin, 5.

Open to Freshmen, Sophomores and Juniors.
Mathematics I, Miss Lambert, 2-6; Mr. Watson, 3.
Mathematics II, (Prerequisite, Mathematics I), Mr. Watson, 5.
Analytical Geometry, (Prerequisite, Mathematics II), Miss Lam-bert, 3.
Accounting I, (Prerequisite, Accounting A or equivalent prepara-tion), Mr. Cummins, 4.
Accounting II, Mr. Cummins, 1.

Open to Sophomores, Juniors and Seniors.
Calculus I, (Prerequisite, Analytical Geometry), Mr. Condit, 2.
Modern Geometry, (3 hrs.), Mr. Watson, M. W. F. 1.
Commercial Correspondence, (3 hrs.), Mr. Mach, M. W. F. 2.
Commercial Correspondence, Mr. Mach, 6.
Machine Accounting, (1 hr.), (Prerequisite, Elementary Bookkeep-ing), Mr. Mach, M. 5 and 1 hr. laboratory as arranged.
Commercial Law, Mr. Skar, 2-6.
Advertising, (2 hrs.), Mr. Mach, Tu. Th. 2.

Open to Juniors and Seniors.
History of Mathematics, (2 hrs.), (Prerequisite, two courses in college mathematics), Mr. Watson, Tu. Th. 1.
Retail Merchandising, (3 hrs.), Mr. Mach, M. W. F. 4.
Salesmanship, (2 hrs.), Mr. Mach, Tu. Th. 4.

MUSIC

COLLEGIATE COURSES—

Open to Freshmen, Sophomores and Juniors.
Music I, (3 hrs.), Mr. Fullerton, M. W. F. 3.
Music for Upper Grades, (3 hrs.), (Not credit on the public school music curriculums), (Prerequisite, First Music or equivalent preparation), Mr. Hays, daily 4.
First Music, (2 hrs.), (Not credit on the public school music curriculums), Mr. Hays, daily 1; Miss Mayfield, daily 1-3; ......
............... daily 2-4-5; Miss Barker, daily 2-3.
Primary and Kindergarten Music, (3 hrs.), (Not credit on the public school music curriculums), (Prerequisite, First Music or equivalent preparation), Miss Mayfield, daily 4; Mrs. Schmidt, daily 2.
Theory of Music, (3 hrs.), Mr. Fullerton, M. W. F. 5.

Open to Sophomores, Juniors and Seniors.
Conducting, (2 hrs.), Mr. Fullerton, Tu. Th. 5.
History of Music I, (2 hrs.), Mr. Richman, Tu. Th. 1-4.
Harmony II, (3 hrs.), Miss Ruegnitz, M. W. F. 3.
Harmony III, (3 hrs.), Miss Ruegnitz, M. W. F. 2.

Open to Juniors and Seniors.

Music Appreciation I, (3 hrs.), Miss Starr, M. W. F. 1.
Counterpoint I, (2 hrs.), (Prerequisite, Harmony IV), Miss Evans, Tu. Th. 6.

NATURAL SCIENCE

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Principles of Physiography, Mr. Cable, 1.
Commercial and Industrial Geography, (Credit only on commercial curriculums and for those who major in Earth Science), Mr. Cable, 3.
Physiology I (a), Mr. Abbott, daily 5 and M. W. 6; Mr. Rath, daily 3 and Tu. Th. 4.
Physiology I (b), (3 hrs.), Mr. Rath, M. W. F. 4.
Nature Study, (Credit only on the kindergarten, primary, elementary teacher and consolidated school curriculums, and for those who major in normal training high school critic work), Mr. Clark, daily 1 and Tu. Th. 2; daily 3 and Tu. Th. 4.
General Agriculture, (Not credit for those who have college entrance credit in agriculture), Mr. Scott, daily 2 and M. W. 1.

Open to Freshmen, Sophomores and Juniors.

Elements of Geography I, Miss Aitchison, 1-5; Miss Uttley, 2-6.
Biology I (a), Mr. Abbott, daily 2 and Tu. Th. 1.
Biology II, (Prerequisite, Biology I), Mr. Abbott, daily 4 and M. W. 3.
Botany I, General College Botany, Mr. Lantz, daily 2 and M. W. 1; daily 6 and Tu. Th. 5.
Dairy Cattle, (3 hrs.), Mr. Rath, M. W. F. 1 and W. 2.
Swine, (2 hrs.), Mr. Rath, Tu. Th. 1 and Th. 2.

Open to Sophomores, Juniors and Seniors.

Geography of North America, Miss Uttley, 4.
Hygiene and Sanitation (a), Miss Swalwell, daily 2 and M. W. 1; daily 6 and M. W. 5.
Hygiene and Sanitation (b), (3 hrs.), Miss Swalwell, M. W. F. 4.
Heredity, (3 hrs.), Mr. Lantz, M. W. F. 4.
Organic Evolution, (2 hrs.), Mr. Lantz, Tu. Th. 4.
Weeds, (2 hrs.), Mr. Scott, Tu. Th. 3 and Tu. Th. 4.
Testing Dairy Products, (2 hrs.), Mr. Scott, M. W. 3 and W. 4.

Open to Juniors and Seniors.

Mineralogy, (Prerequisite, high school or college physics or inorganic chemistry), Mr. Cable, daily 5 and M. W. 6.
Influence of Geography upon American History, (Prerequisite, entrance credit or college credit in American history), Miss Aitchison, 3.
Botany VI, Plant Ecology, (Prerequisite, General College Botany), Mr. Clark, daily 5 and M. W. 6.
Farm Crops, Mr. Scott, 5.
ORCHESTRAL MUSIC

Open to Sophomores, Juniors and Seniors.

Orchestra Conducting I, (1 hr.), (Prerequisite, 3 hours of college credit in applied music other than voice), Mr. Hill, Tu. Th. 2.
Orchestra Conducting II, (1 hr.), (Prerequisite, Orchestra Conducting I or equivalent preparation), Mr. Hill, Tu. Th. 3.
Orchestra Conducting III, (1 hr.), (Prerequisite, Orchestra Conducting II or equivalent preparation), Mr. Hill, Tu. Th. 5.

Open to students in Bass.

Bass Ensemble, Miss Little, Tu. Th. 2; Tu. Th. 3; Tu. Th. 4.

Open to advanced students in Piano, Violin, Viola, Cello, Bass and Harp.

String Ensemble, Mr. Kurtz, Tu. Th. 3; Tu. Th. 5; Tu. Th. 6; Miss Little, Tu. Th. 5; Tu. Th. 6.

Open to Public School Music Students.

First Supervisors Violin, (drill credit), Mr. Hill, Tu. Th. 4.
Second Supervisors Violin, (drill credit), (Prerequisite, First Supervisors Violin or equivalent preparation), Mr. Hill, Tu. Th. 6.
Third Supervisors Violin, (drill credit), (Prerequisite, Second Supervisors Violin), Mr. Hill, Tu. Th. 7.

Open to students of reed and brass instruments.

Band Masters Course, (drill credit), (Prerequisite, private instruction on a wind instrument for at least thirty-six weeks or brass and wood-wind ensemble for thirty-six weeks. One private lesson per week on one of the fundamental reed or brass instruments must accompany this course), Mr. Russell, Tu. Th. 4; Tu. Th. 6; M. W. 6.
Wood Ensemble, Mr. Russell, Tu. Th. 5; M. W. 5.
Brass Ensemble, Mr. Ball, M. F. 1; M. F. 5; M. F. 8.

Open to students in Cello.

Cello Ensemble, Miss Little, Sat. 2.

Private Instruction, (1 hr.), hours to be arranged.

Violin, Mr. Kurtz, Mr. Hill.
Viola, Mr. Hill.
Wood Wind Instruments, Mr. Russell.
Brass Instruments, Mr. Ball.
Cello, Miss Little.
Bass, Miss Little.

Notes:
The College Orchestra, Mr. Kurtz, director, M. W. F. 7.
The College Band, Mr. Russell, director, M. W. F. 8.
The Ladies Band, Mr. Russell, director, Tu. Th. 7.
The Orchestra Club, Mr. Hill, Tu. 8.
PHYSICAL EDUCATION

MEN

COLLEGIATE COURSES—

Open to Freshmen, Sophomores and Juniors.

Theory of Football I, (3 hrs.), Mr. Mendenhall, M. Tu. W. Th. 7 and 8 and 9.

Theory of Football II, (3 hrs.), Mr. Dickinson, M. Tu. W. Th. 7 and 8 and 9.

Open to Juniors and Seniors.

Theory of Football III, (3 hrs.), (Prerequisite, Theory of Football I or II), Mr. Whitford, M. Tu. W. Th. 7 and 8 and 9.

Theory of Gymnastics, (2 hrs.), Mr. Bender, daily 3.

PHYSICAL TRAINING WORK—

Soccer Football, Mr. Whitford, M. W. F. 3.

Freshman Football, Mr. Whitford, M. W. F. 9.

Football, Mr. Bender, M. W. F. 8.

Beginning Boxing, Mr. Whitford, M. W. F. 4.

Advanced Boxing, Mr. Whitford, Tu. Th. 4.

Beginning Swimming, Mr. Dickinson, M. W. F. 3.

Swimming, Mr. Dickinson, Tu. Th. 4.

Golf, Mr. Bender, Tu. Th. 4.

Beginning Wrestling, Mr. Bender, M. W. F. 6.

Cross Country and Track, Mr. Dickinson, M. W. F. 7.

Tennis, Mr. Mendenhall, M. W. F. 2; Tu. Th. 2.

Tennis Team, Mr. Mendenhall, Tu. Th. 8.

WOMEN

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Play and Playground, (3 hrs.), (Not credit for those who major in physical education), Miss White, M. W. F. 5. (Students enrolled in this course are advised to take the following activity course: Games, Miss White, Tu. Th. 5.)

Open to Freshmen, Sophomores and Juniors.

Anatomy I, Dr. Mead, 1.

First Aid to the Injured, (2 hrs.), Dr. Mead, Tu. Th. 2.

Open to Sophomores, Juniors and Seniors.

Physical Education II, (Credit only for those who major in physical education or in coaching and athletics), Miss White, 1.

Physical Education IV, (2 hrs.), Miss Adams, Tu. Th. 2.

Open to Juniors and Seniors.

Physical Diagnosis, (3 hrs.), (Credit only for those who major in physical education or in coaching and athletics), (Prerequisite, Anatomy I and II and Physiology I (a)), Dr. Mead, M. W. F. 2.
School Health Problems, (2 hrs.), (Credit only for those who major in physical education or in coaching and athletics), Miss Humiston, M. W. 5.

CLASS WORK IN PHYSICAL TRAINING FOR MAJOR STUDENTS.

For Freshmen Majors:

Gymnastics, Miss Adams, M. W. 3.
Hockey, Miss Adams, Tu. Th. 3.
Beginning Tennis, Miss Meares, Tu. Th. 4.
Advanced Tennis, Miss Meares, M. W. 4.
First Dancing, Mrs. Hoffman, M. W. 4; Tu. Th. 4.

For Sophomore Majors:

Soccer, Miss Adams, M. W. 7.
Second Dancing, Mrs. Hoffman, Tu. Th. 7.
Third Dancing, Mrs. Hoffman, Tu. Th. 5.
Simple Team Games, Miss Humiston, Tu. Th. 6.

For Junior Majors:

Fourth Dancing, Mrs. Hoffman, Tu. Th. 6.
Physical Education IV Technique, Miss Adams, M. W. 6.
Games (Physical Education II), Miss White, Tu. Th. 5.

For Senior Majors:

Archery, Miss Adams, Tu. Th. 5.

GENERAL CLASS WORK IN PHYSICAL TRAINING FOR WOMEN IS TENTATIVELY PLANNED AS FOLLOWS:

Note 1: All Freshmen must choose for their first term of physical training from the following outdoor sports meeting three days a week, Hockey, Soccer, and Tennis, unless advised by the Student Health Director to take Archery. First year students may choose a second activity class of any type in addition, for no credit, scheduling only for two days a week in this second class.

Note 2: Upper classmen may choose any of the sports planned for the Freshmen but should not register for Friday.

Hockey, Miss Adams, M. W. F. 1; Miss Humiston, M. W. F. 3;
Miss Meares, M. W. F. 2; Tu. Th. F. 5; Miss Michel, M. W. F. 4;
Tu. Th. F. 4; M. W. F. 5; Miss ................., Tu. Th. F. 6;
Tu. Th. F. 2.

Advanced Hockey, Miss Humiston, M. W. 7.
Archery, Miss Adams, Tu. Th. F. 1; Tu Th. F. 6; Miss Moore, M. W.
F. 3; Miss ................., Tu. Th. F. 2; M. W. F. 4; Tu. Th.
F. 4; M. W. F. 5; M. W. 7.
Beginning Swimming, Miss Humiston, Tu. Th. 2; Tu. Th. 4; Miss
M. W. F. 2; M. W. F. 6.
First Intermediate Swimming, Miss Michel, M. W. 6; Miss .......
............... , Tu. Th. 8.
Advanced Swimming, Miss Michel, Tu. Th. 7.
Life Saving, Mrs. Pettit, M. W. 8.
Soccer, Miss Moore, Tu. Th. F. 3; M. W. F. 4; Tu. Th. F. 4; Mrs. Hoffman, M. W. F. 5; Miss .................., Tu. Th. F. 1; Miss .................., M. W. F. 2; M. W. F. 6.
Advanced Soccer, Miss .................., Tu. Th. 7.
First Dancing, Mrs. Hoffman, M. W. 4; Tu. Th. 4; Tu. Th. 8.
Second Dancing, Mrs. Hoffman, Tu. Th. 7.
Third Dancing, Mrs. Hoffman, Tu. Th. 5.
Fourth Dancing, Mrs. Hoffman, Tu. Th. 6.
Folk Dancing, Miss .................., M. W. 7; M. W. 8.
Clogging, Miss Moore, M. W. 8.
Tennis, Miss Humiston, Tu. Th. F. 3; Miss Meares, Tu. Th. F. 1;
Tu. Th. F. 2; M. W. F. 3; M. W. F. 5; M. W. F. 6; Miss Michel,
Tu. Th. F. 5; Miss .................., M. W. F. 1; M. W. F. 2;
Tu. Th. 7.
Advanced Tennis, Miss Meares, Tu. Th. 6; M. W. 7.
Games, Miss White, M. W. 5.
Golf, Miss Humiston, Tu. Th. 7.

PHYSICS AND CHEMISTRY

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Physics XIII—Everyday Physical Science, (Credit only on kindergarten, primary, elementary teacher and consolidated school curriculums), Mr. Begeman, M. W. Th. F. 1 and Tu. Th. 2 or 6.

Physics XIV, Mechanics, Light, Electricity, (Credit only on physical education curriculums), Mr. Kadesch, M. W. F. 5. Laboratory: Tu. Th. 5 and 6; Tu. Th. 7 and 8.

Physics A, (Open to those who have not had physics for entrance credit), Mr. Hersey, daily 4 and Tu. Th. 3.

Open to Freshmen, Sophomores and Juniors.

Physics I—Mechanics, (3 hrs.), (Not credit for those who have had Physics A), (Prerequisite, high school physics or equivalent preparation), Mr. Begeman, M. W. F. 2.

Physics II—Laboratory Physics in Mechanics, (2 hrs.), (Not credit for those who have had Physics A), Mr. Kadesch, Tu. Th. 1 and 2.

Physics III—Sound and Light, (3 hrs.), (Prerequisite, Physics I or Physics A and B or equivalent preparation), Mr. Begeman, M. W. F. 3.

Physics IV—Laboratory Physics in Sound and Light, (2 hrs.), (Prerequisite, Physics I and II or Physics A and B), Mr. Begeman, Tu. Th. 3 and 4.

Chemistry X—General Inorganic Chemistry, Mr. Hersey, daily 1 and Tu. Th. 2; Mr. Reed, daily 4 and Tu. Th. 3.

General Inorganic Chemistry I, Mr. Murphy, Tu. Th. F. 3. Laboratory: M. W. 3 and 4; M. W. 7 and 8.

Chemistry XI—Inorganic and Organic Chemistry, Mr. Read, daily 2 and Tu. Th. 1.

Chemistry XIX—Chemistry of Non-metals, (Not open to students who have credit for Chemistry I, II, X, or XI), Mr. Read, daily 5 and Tu. Th. 6.
Open to Sophomores, Juniors and Seniors.

Physics VII—Advanced Mechanics, (3 hrs.), (Prerequisite, Physics I and II or equivalent preparation), Mr. Kadesch, hours as arranged.
Chemistry V (a)—Quantitative Analysis (Gravimetric), (3 hrs.), (Prerequisite, Chemistry III), Mr. Murphy, M. W. F. 5 and 6.
Chemistry V (b)—Quantitative Analysis (Gravimetric), (2 hrs.), (Chemistry V (a) must precede or accompany this course), Mr. Murphy, Tu. Th. 5 and 6.

Open to Juniors and Seniors.

Chemistry VIII—Physical Chemistry, (3 hrs.), (Prerequisite, General Inorganic Chemistry I and II and Chemistry of Metals and Qualitative Analysis), Mr. Murphy, M. W. F. 6.

RELIGIOUS EDUCATION

COLLEGIATE COURSES—

Open to Freshmen, Sophomores and Juniors.

Bible as Literature, (3 hrs.), Miss Hatch, M. W. F. 2-3.
The Synoptic Life of Jesus, (2 hrs.), Miss Hatch, Tu. Th. 2-3; Dr. Hanson, Tu. Th. 1; Fr. Wiencke, M. W. 6.

Open to Sophomores, Juniors and Seniors.

Origin of Biblical Literature, (3 hrs.), Miss Hatch, M. W. F. 5.
Technique of Instruction in Religious Education, (2 hrs.), Miss Hatch, Tu. Th. 5.
Biblical Ethics, (3 hrs.), Dr. Hanson, M. W. F. 1.
The Rise and Development of Judaism, (3 hrs.), Dr. Hanson, M. W. F. 4.
The Gospel of John, (2 hrs.), (Prerequisite, The Synoptic Life of Jesus), Dr. Hanson, Tu. Th. 4.

ROMANCE LANGUAGES

COLLEGIATE COURSES—

Open to Freshmen, Sophomores and Juniors.

French I, Miss Thomes, 6; Miss Dyer, 1; Miss Short, 2; Mr. Haddox, 3.
French II, Miss Short, 1.
French III, (Prerequisite, one year of high school French or equivalent preparation), Miss Dyer, 5.
Spanish I, Miss Thomes, 2; Mr. Haddox, 6; Miss Dyer, 3.
Spanish II, Mr. Haddox, 2.

Open to Sophomores, Juniors and Seniors.

Italian I, Mr. Lillehei, 2.
Open to Sophomores, Juniors and Seniors and to Freshmen who have had two years of high school French.

French IV (a), (3 hrs.), (Prerequisite, two years of high school French or equivalent preparation), Mr. Lillehei, M. W. F. 3-5.
French IV (b), (2 hrs.), (Prerequisite, two years of high school French or equivalent preparation), Mr. Lillehei, Tu. Th. 3-5.

Open to Sophomores, Juniors and Seniors and to Freshmen who have had two years of high school Spanish.

Spanish IV (a), (3 hrs.), (Prerequisite, two years of high school Spanish or equivalent preparation), Miss Thomas, M. W. F. 4.
Spanish IV (b), (2 hrs.), (Prerequisite, two years of high school Spanish or equivalent preparation), Miss Thomas, Tu. Th. 4.

Open to Juniors and Seniors and to Sophomores who have had French IV, V, VI.

French VII (a), (3 hrs.), Miss Short, M. W. F. 5.
French VII (b), (2 hrs.), Miss Short, Tu. Th. 5.

SOCIAL SCIENCE

COLLEGIATE COURSES—

Open to Freshmen and Sophomores.

Rural Sociology, Mr. O’Neill, 4.
American History I, Mr. Fahrney, 2-3; Mr. Wallace, 1; Mr. Wellborn, 6.
European History I, Miss Riggs, 4-5.

Open to Freshmen, Sophomores and Juniors.

Parliamentary Law and Practice, (1 hr.), Mr. Thompson, Th. 6.
Principles of Economics I, Mr. O’Neill, 3; Miss Hunter, 4.
American Government, Mr. Robinson, 3-6; Mr. Erbe, 2-5; Mr. .................. , 1-4-6; Mr. Fahrney, 5.
European History II, Miss Riggs, 3.
American Colonial History, (3 hrs.), Mr. Wallace, M. W. F. 2.
History of Iowa, (2 hrs.), Mr. Wallace, Tu. Th. 2.
English History I, Mr. Wellborn, 1.

Open to Sophomores, Juniors and Seniors.

Money and Banking, Mr. Thompson, 2.
Greek and Roman Civilization, Miss Hunter, 1.
General Sociology, Mr. O’Neill, 6.
American Constitutional History, Mr. Robinson, 2.
State Government and Administration, (3 hrs.), Mr. Erbe, M. W. F. 1.
Local Government and Problems, (2 hrs.), Mr. Erbe, Tu. Th. 1.
American History II, Mr. Wallace, 5.

Open to Juniors and Seniors.

Population, (3 hrs.), Mr. Thompson, M. W. F. 3.
Insurance, (2 hrs.), Mr. Thompson, Tu. Th. 3.
Crime and Poverty, Miss Hunter, 5.
History of the West, Mr. Wellborn, 4.
TEACHING

COLLEGIATE COURSES—

Illustrative Teaching, (Prerequisite, Psychology I, except that students on the two-year home economics curriculum may take Illustrative Teaching while taking Psychology I, and those on the one year rural teacher curriculum may take Illustrative Teaching after the completion of course I or II or III in Rural Education), Miss Luse, M. W. F. 3; Mr. Jackson, M. W. F. 2-4; Miss Hendricks, M. W. F. 4.

Open to Freshmen and Sophomores.

Primary Illustrative Teaching, (2 hrs.), (Prerequisite, Psychology I), (Credit on the primary and kindergarten curriculums only), Miss Rait, M. Tu. W. Th. 3.
Kindergarten Theory I, (3 hrs.), (Credit on the kindergarten curriculums only), Miss ................., daily 5.

Open to Freshmen, Sophomores and Juniors.

Child Development, (Prerequisite, Psychology I), Miss Kirkwood, 1.

Open to Sophomores, Juniors and Seniors.

Kindergarten Theory IV, (3 hrs.), (Prerequisite, 10 hours in Psychology and Education), (Credit only on the kindergarten curriculums), Miss ................., M. W. F. 1.
Kindergarten Theory for Primary Teachers, (2 hrs.), (Prerequisite, 15 hours in Psychology and Education), (Credit on the primary curriculums only), Miss Findley, M. Tu. W. Th. 5.
Kindergarten Teaching and Criticism under Critic Supervision, (Prerequisite, 10 hours in psychology and education, Kindergarten Theory I, II, III), hours as arranged.
Kindergarten Conference, (Required as part of Kindergarten Teaching and Criticism), Th. 7, supervisors as arranged.
Primary Teaching and Criticism under Critic Supervision, (Prerequisite, Primary Illustrative Teaching and 10 hours in psychology and education), hours as arranged.
Primary Conference, (Required as part of Primary Teaching and Criticism), Tu. Th. 7, supervisors as arranged.
Teaching under Critic Supervision, (Prerequisite, 10 hours in psychology and education and credit for Illustrative Teaching except that students on the two year home economics curriculum may take Teaching after the completion of Psychology I and Illustrative Teaching), hours as arranged.
Conference, (Required as part of Teaching), Th. 7, supervisors as arranged.